

**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
**USPTO Use Only**

EFS ID:	12850
Application ID:	09682959
Title of Invention:	A METHOD TO CONTROL ELECTROMECHANICAL VALVES
First Named Inventor:	Diana Brehob
Domestic/Foreign Application:	Domestic Application
Filing Date:	null
Effective Receipt Date:	2001-11-02
Submission Type:	Utility Patent Filing
Filing Type:	new-utility
Confirmation Number:	0
Attorney Docket Number:	201-0876 AJL
Digital Certificate Holder:	cn=Damian Porcari, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US
Certificate Message Digest:	q35wTHjIBe/aL4kE8YQp5Q==
Total Fees Authorized:	\$1080.0
Payment Category:	DA - Deposit Account
Deposit Account Number:	61510
Deposit Account Name:	Sheri L. Charles



# TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket Number: 201-0876 AJL

## A METHOD TO CONTROL ELECTROMECHANICAL VALVES

First Named Inventor: Diana D. Brehob

### SUBMITTED BY

Organization Name:	Ford Motor Company
Name:	Sheri Lynn Charles Electronic Application Specialist
Electronic Signature Mark: /slc	Date Signed: 20011102

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration	art.tif
declaration	consent.tif
declaration	declaration1of3.tif
declaration	declaration2of3.tif
declaration	declaration3of3.tif
fee-transmittal	201-0876fee.xml
patent-assignments	201-0876asgn.xml
specification	201-0876.xml
bibb-transmittal	201-0876apds.xml

**Attached Image File(s):**

art.tif

consent.tif

declaration1 of 3.tif

declaration2of3.tif

declaration3of3.tif

[illegible]

Comments:

1. The applicant has not provided a copy of the proposed project plan or a copy of the proposed project plan.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT***(use as many sheets as necessary)*

Sheet 1 of 1

**Complete if Known**

Application Number	To be assigned
Filing Date	Herewith
Applicants	Brehob, Curtis, Stockhausen
Group Art Unit	
Examiner Name	
Attorney Docket Number	201-0876

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	Kind Code <sup>2</sup> (if known)	NAME	DATE MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		4829947		Lequesne	05-16-89	
		5074259		Pusic	12-24-91	
		5669341		Ushirono et al.	09-23-97	
		6170445		Hattori et al.	01-09-01	

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL*	Cite No. <sup>1</sup>	Foreign Patent Document			NAME	DATE MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

EXAMINER

DATE CONSIDERED

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

PATENT APPLICATION

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

Case Docket No. 201-0876  
Date: October 29, 2001

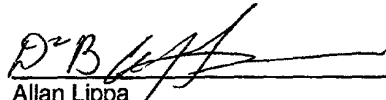
Sir:

Inventor(s):  
**William Stockhausen**  
**Eric Curtis**  
**Diana Brehob**

For: **A METHOD TO CONTROL ELECTROMECHANICAL VALVES**

The attorney or agent below has reviewed this application and its attachments and consents to electronic filing by the assignee.

Respectfully submitted:

  
Allan Lippa  
Attorney or Agent of Record  
Registration No. 32,258  
Ford Global Technologies, Inc.  
One Parklane Blvd.,  
600 Parklane Towers East  
Dearborn, MI 48126  
Telephone: 1-313-3221879

**DECLARATION AND POWER OF ATTORNEY - ORIGINAL APPLICATION****Attorney's Docket No.  
201-0876**

As a below named inventor, I hereby declare:  
My residence, post office address and citizenship are as stated below next to my name;

I verily believe I am the original, first and sole inventor or an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled

**A METHOD TO CONTROL ELECTROMECHANICAL VALVES**

the specification of which is attached hereto.

I have reviewed and understand the contents of the specification identified above, including the claims.

I acknowledge my duty to disclose information of which I am aware that is material to the examination of this application in accordance with Section 1.56(a), Title 37 of the Code of Federal Regulations; and as to application for patents or inventor's certificate on the invention filed in any country foreign to the United States of America, prior to this application by me or my legal representatives or assigns,

☒ [ X ] no such applications have been filed, or

☐ [ ] such applications have been filed as follows:

☐ [ ] I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below

COUNTRY	APPLICATION NO.	DATE OF FILING (month, day, year)	DATE OF ISSUE (month, day, year)	PRIORITY CLAIMED UNDER 35 USC 119	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

\_\_\_\_\_  
(Application Number)                      (Filing Date)                      (Status - patented, pending, abandoned)

\_\_\_\_\_  
(Application Number)                      (Filing Date)                      (Status - patented, pending, abandoned)

**POWER OF ATTORNEY:** - I/we hereby appoint Practitioners at Customer No. 022844, as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office and all foreign Patent Offices.

**Address all correspondence and telephone calls to:**

Diana D. Brehob  
Ford Global Technologies, Inc.  
One Parklane Boulevard  
600 East Parklane Towers  
Dearborn, Michigan 48126 Telephone: 1-313-3221879

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	SIGNATURE	DATE
Diana D. Brehob 1 Duxbury Lane Dearborn, MI 48120-1040 US	Dearborn, MI 48120-1040 US	U.S.A	<i>Diana D. Brehob</i>	2-Oct-01
Eric Warren Curtis 9666 Crane Rd Milan, MI 48160 US	Milan, MI 48160 US	U.S.A		
William Francis Stockhausen 218 W. Dunlap St. Northville, MI 48167 US	Northville, MI 48167 US	U.S.A	<i>William Stockhausen</i>	10/2/01



**Address all correspondence and telephone calls to:**

Diana D. Brehob  
Ford Global Technologies, Inc.  
One Parklane Boulevard  
600 East Parklane Towers  
Dearborn, Michigan 48126      Telephone: 1-313-3221879

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	SIGNATURE	DATE
Diana D. Brehob 1 Duxbury Lane Dearborn, MI 48120-1040 US	Dearborn, MI 48120-1040 US	U.S.A		
Eric Warren Curtis 9666 Crane Rd Milan, MI 48160 US	Milan, MI 48160 US	U.S.A	<i>Eric Warren Curtis</i>	10/1/20
William Francis Stockhausen 218 W. Dunlap St. Northville, MI 48167 US	Northville, MI 48167 US	U.S.A		

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1080**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1510



Deposit Account Name: Ford Global Technologies, Inc.

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

## SUBMITTED BY

Authorized Name: Sheri L. Charles

Electronic Signature Mark: /slc

Date Signed: 20011102

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 32	103	\$ 18	12	\$ 216
Independent Claims: 4	102	\$ 84	1	\$ 84

Subtotal For Extra Claims Fees: \$ 300

## ADDITIONAL FEES

Fee Description	Fee Code	Fee Paid	Quantity	Number
Recording Each Patent Assignment Per Property Fee	581	\$ 40	1	NA

Subtotal For Additional Fees: \$ 40